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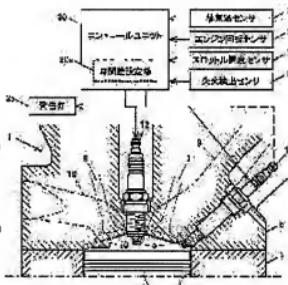
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## (54) ENGINE IGNITION TIMING CONTROL DEVICE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a new ignition method effectively preventing knocking without lowering an output.

SOLUTION: First, an ignition plug 11 in the intake side of a combustion chamber 5 is ignited, and then a ignition plug 12 in the center of the combustion chamber 5 is ignited. By means of multipoint ignition, the intake side having a relatively low temperature in the combustion chamber 5 is ignited at first, so that combustion is slow in an early period, and rising of cylinder pressure and cylinder temperature can be suppressed to effectively prevent the occurrence of knocking. After that, the combustion chamber 5 center is additionally ignited, so that the combustion is accelerated in a latter period, and the pressure and temperature of the cylinder are rapidly raised to shorten a combustion period and prevent the lowering of the output.



## LEGAL STATUS

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